

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371		ATTORNEY'S DOCKET NUMBER 4239-66168-03
INTERNATIONAL APPLICATION NO. PCT/US2004/019489		U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) 10/561487
INTERNATIONAL FILING DATE June 18, 2004		PRIORITY DATE CLAIMED June 19, 2003
TITLE OF INVENTION VARIANTS OF HUMAN TASTE RECEPTOR GENES		
APPLICANT(S) FOR DO/EO/US Dennis Drayna, Un-Kyung Kim		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request. 4. <input type="checkbox"/> The United States has been elected in a Demand for International Preliminary Examination (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English-language translation of the International Application (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)) (1 page). 10. <input type="checkbox"/> An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included. 13. <input checked="" type="checkbox"/> A Preliminary Amendment, including an Abstract on a separate page. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form (CRF) of the Sequence Listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. § 154(d)(4). 19. <input type="checkbox"/> A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> International Search Report. <input checked="" type="checkbox"/> Sequence Listing (filed on CD-ROM; two (2) copies provided). <input checked="" type="checkbox"/> Statement in Compliance verifying the identity of the Sequence Listing (on CD-ROM) and the computer readable form (CRF) of the Sequence Listing (on diskette). 		

IAP20 Rec'd PCT/PTO 19 DEC 2005

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107561487		PCT/US2004/019489		4239-66168-03																																																																									
The following fees are submitted: 21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a)) \$300 22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200 23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4) \$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500 TOTAL OF 21, 22, and 23 = \$ 900.00 <input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>120 - 100</td> <td>20 / 50 =</td> <td>1</td> <td>x \$250</td> <td>\$ 250.00</td> </tr> </tbody> </table> Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)). \$ 0.00 <table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>47 - 20 =</td> <td>27</td> <td>x \$50.00</td> <td>\$ 1,350.00</td> </tr> <tr> <td>Independent Claims</td> <td>7 - 3 =</td> <td>4</td> <td>x \$200.00</td> <td>\$ 800.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 3,300.00</td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by ½.</td> <td>\$</td> </tr> <tr> <td colspan="4">SUBTOTAL =</td> <td>\$ 3,300.00</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)).</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL NATIONAL FEE =</td> <td>\$ 3,300.00</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL FEES ENCLOSED =</td> <td>\$ 3,300.00</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded \$</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be charged \$</td> </tr> </tbody> </table> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 3,300.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p> <p>NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH CUSTOMER NUMBER 36218 KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988</p> <p>SIGNATURE <u>Tanya M. Harding, Ph.D.</u> NAME 42,630 REGISTRATION NUMBER</p>					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	120 - 100	20 / 50 =	1	x \$250	\$ 250.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	47 - 20 =	27	x \$50.00	\$ 1,350.00	Independent Claims	7 - 3 =	4	x \$200.00	\$ 800.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 0.00	TOTAL OF ABOVE CALCULATIONS =				\$ 3,300.00	<input type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by ½.				\$	SUBTOTAL =				\$ 3,300.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)).				\$	TOTAL NATIONAL FEE =				\$ 3,300.00	Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). 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